

WHAT IS CLAIMED IS:

1. A hypertext displaying apparatus for downloading hypertext data from a server device coupled to the hypertext display apparatus via network and displaying a content represented by the hypertext data, comprising:

5           download means for downloading, when a link destination is designated, hypertext data at the designated link destination from the server device via the network;

          stored data storage means for storing, among the hypertext data having been downloaded by the download means,  
10       hypertext data requested by a user;

          display means for displaying a content represented by hypertext data stored in the stored data storage means or a content represented by hypertext data which is newly downloaded by the  
download means;

15       displaying history storage means for storing a displaying history of at least one content represented by the hypertext data newly downloaded by the download means, wherein the displaying history is in accordance with an order in which the at least one content is displayed by the display means; and

20       redisplaying order control means for controlling, in accordance with the displaying history stored in the history storage means, an order in which contents are redisplayed by the display means;

wherein:

25           when a content at a link destination indicated in a  
source content represented by the hypertext data stored in the  
stored data storage means is newly displayed by the display means,  
the displaying history storage means stores a displaying history  
of the source content and one or more ensuing contents, wherein  
30 the displaying history is in accordance with an order in which  
the source content and the one or more ensuing contents are  
displayed by the display means; and

            the redisplaying order control means allows contents  
to be redisplayed by the display means in a sequential manner,  
35 at least back to the source content.

2. The hypertext displaying apparatus according to  
claim 1, wherein:

            the stored data storage means assigns an identifier  
(ID) to each unit of hypertext data stored therein, the identifier  
5 (ID) being used for identifying a stored area of the hypertext  
data; and

            in the displaying history stored in the displaying  
history storage means, the source content is described in the form  
of an identifier (ID) assigned thereto.

3. The hypertext displaying apparatus according to  
claim 2, further comprising stored data deletion means for

deleting hypertext data stored in the stored data storage means  
in accordance with an instruction given by the user, wherein:

5           for each unit of hypertext data stored, the stored data  
storage means stores an identifier (ID) and an acquisition source  
address of the hypertext data indicating an address of the  
hypertext data on the network;

10           in the displaying history stored in the displaying  
history storage means, the source content is described in the form  
of an identifier (ID) assigned thereto and an acquisition source  
address of the hypertext data representing the source content;  
and

15           if the hypertext data representing a source content to  
be redisplayed has been deleted by the stored data deletion means,  
the redisplaying order control means instructs the download means  
to again download the hypertext data representing the source  
content based on the acquisition source address, so that the  
downloaded hypertext data is displayed by the display means.

4. The hypertext displaying apparatus according to  
claim 3, further comprising identicalness determination means  
for determining identicalness between the hypertext data  
representing a source content to be redisplayed and the hypertext  
5   data stored in the stored data storage means which corresponds  
to the identifier (ID) assigned to the hypertext data representing  
the source content,

wherein, when the identicalness determination means denies identicalness between the hypertext data associated with the source content, the redisplaying order control means instructs the download means to again download the hypertext data representing the source content based on the acquisition source address, so that the downloaded hypertext data is displayed by the display means.

5. The hypertext displaying apparatus according to claim 4, wherein the identicalness determination means determines identicalness between the hypertext data associated with the source content based on the acquisition source address.

6. The hypertext displaying apparatus according to claim 1, further comprising temporary storage means for temporarily storing hypertext data newly downloaded by the download means, and for temporarily storing, when a content at a link destination indicated in a source content represented by the hypertext data stored in the stored data storage means is newly displayed by the display means, the hypertext data representing the source content,

wherein the redisplaying order control means instructs the display means to redisplay a content based on the hypertext data stored in the temporary storage means.

7. The hypertext displaying apparatus according to claim 6, wherein the temporary storage means is operative not to store the same hypertext data in a redundant manner.

8. The hypertext displaying apparatus according to claim 6, wherein the temporary storage means is operative to temporarily store only a latest version of any given hypertext data.

9. The hypertext displaying apparatus according to claim 1, further comprising stored data deletion means for deleting hypertext data stored in the stored data storage means in accordance with an instruction given by the user,

5 wherein the stored data deletion means is operative not to delete the hypertext data when the hypertext data has been registered in the displaying history storage means.

10. The hypertext displaying apparatus according to claim 1, wherein:

the stored data storage means assigns an identifier (ID) to each unit of hypertext data stored therein, the identifier (ID) being used for identifying a stored area of the hypertext data;

the hypertext displaying apparatus further comprises temporary storage means for temporarily storing a URI of hypertext

data newly downloaded by the download means, and for temporarily  
10 storing an identifier (ID) and a URI of the hypertext data  
representing the source content; and

when displaying a content represented by the hypertext  
data stored in the stored data storage means as instructed by the  
redisplaying order control means, the display means reads the  
15 hypertext data from the stored data storage means based on the  
identifier (ID) of the hypertext data stored in the temporary  
storage means, thereby displaying the content represented by the  
hypertext data.

11. A hypertext displaying program embodied on a medium  
readable by a hypertext displaying apparatus for downloading  
hypertext data from a server device coupled to the hypertext  
display apparatus via network and displaying a content  
5 represented by the hypertext data, comprising:

a download step of downloading, when a link destination  
is designated, hypertext data at the designated link destination  
from the server device via the network;

a stored data storage step for storing, among the  
10 hypertext data having been downloaded by the download step,  
hypertext data requested by a user;

a display step for displaying a content represented by  
hypertext data stored by the stored data storage step or a content  
represented by hypertext data which is newly downloaded by the

15 download step;

a displaying history storage step for storing a displaying history of at least one content represented by the hypertext data newly downloaded by the download step, wherein the displaying history is in accordance with an order in which the  
20 at least one content is displayed by the display step; and

a redisplaying order control step for controlling, in accordance with the displaying history stored by the history storage step, an order in which contents are redisplayed by the display step;

25 wherein:

when a content at a link destination indicated in a source content represented by the hypertext data stored by the stored data storage step is newly displayed by the display step, the displaying history storage step stores a displaying history  
30 of the source content and one or more ensuing contents, wherein the displaying history is in accordance with an order in which the source content and the one or more ensuing contents are displayed by the display step; and

the redisplaying order control step allows contents to  
35 be redisplayed by the display step in a sequential manner, at least back to the source content.

12. The hypertext displaying program according to claim 11, wherein:

the stored data storage step assigns an identifier (ID) to each unit of hypertext data stored therein, the identifier (ID) being used for identifying a stored area of the hypertext data; and

in the displaying history stored by the displaying history storage step, the source content is described in the form of an identifier (ID) assigned thereto.

13. The hypertext displaying program according to claim 12, further comprising a stored data deletion step for deleting hypertext data stored by the stored data storage step in accordance with an instruction given by the user, wherein:

for each unit of hypertext data stored, the stored data storage step stores an identifier (ID) and an acquisition source address of the hypertext data indicating an address of the hypertext data on the network ;

in the displaying history stored by the displaying history storage step, the source content is described in the form of an identifier (ID) assigned thereto and an acquisition source address of the hypertext data representing the source content ; and

if the hypertext data representing a source content to be redisplayed has been deleted by the stored data deletion step, the redisplaying order control step instructs the download step to again download the hypertext data representing the source



content based on the acquisition source address, so that the downloaded hypertext data is displayed by the display step .

14. The hypertext displaying program according to claim 13, further comprising an identicalness determination step for determining identicalness between the hypertext data representing a source content to be redisplayed and the hypertext data stored by the stored data storage step which corresponds to the identifier (ID) assigned to the hypertext data representing the source content,

wherein, when the identicalness determination step denies identicalness between the hypertext data associated with the source content, the redisplaying order control step instructs the download step to again download the hypertext data representing the source content based on the acquisition source address , so that the downloaded hypertext data is displayed by the display step.

15. The hypertext displaying program according to claim 14, wherein the identicalness determination step determines identicalness between the hypertext data associated with the source content based on the acquisition source address.

16. The hypertext displaying program according to claim 11, further comprising a temporary storage step for

temporarily storing hypertext data newly downloaded by the download step, and for temporarily storing, when a content at a link destination indicated in a source content represented by the hypertext data stored by the stored data storage step is newly displayed by the display step, the hypertext data representing the source content,

wherein the redisplaying order control step instructs the display step to redisplay a content based on the hypertext data stored by the temporary storage step.

17. The hypertext displaying program according to claim 16, wherein the temporary storage step does not store the same hypertext data in a redundant manner .

18. The hypertext displaying program according to claim 16, wherein the temporary storage step temporarily stores only a latest version of any given hypertext data.

19. The hypertext displaying program according to claim 11, further comprising a stored data deletion step for deleting hypertext data stored by the stored data storage step in accordance with an instruction given by the user,

wherein the stored data deletion step does not delete the hypertext data when the hypertext data has been registered by the displaying history storage step.

20. The hypertext displaying program according to claim 11, wherein:

the stored data storage step assigns an identifier (ID) to each unit of hypertext data stored therein, the identifier (ID) being used for identifying a stored area of the hypertext data;

the hypertext displaying apparatus further comprises a temporary storage step for temporarily storing a URI of hypertext data newly downloaded by the download step, and for temporarily storing an identifier (ID) and a URI of the hypertext data representing the source content; and

when displaying a content represented by the hypertext data stored by the stored data storage step in accordance with an instruction from the redisplaying order control step, the display step reads the hypertext data stored by the stored data storage step based on the identifier (ID) of the hypertext data stored by the temporary storage step, thereby displaying the content represented by the hypertext data.